

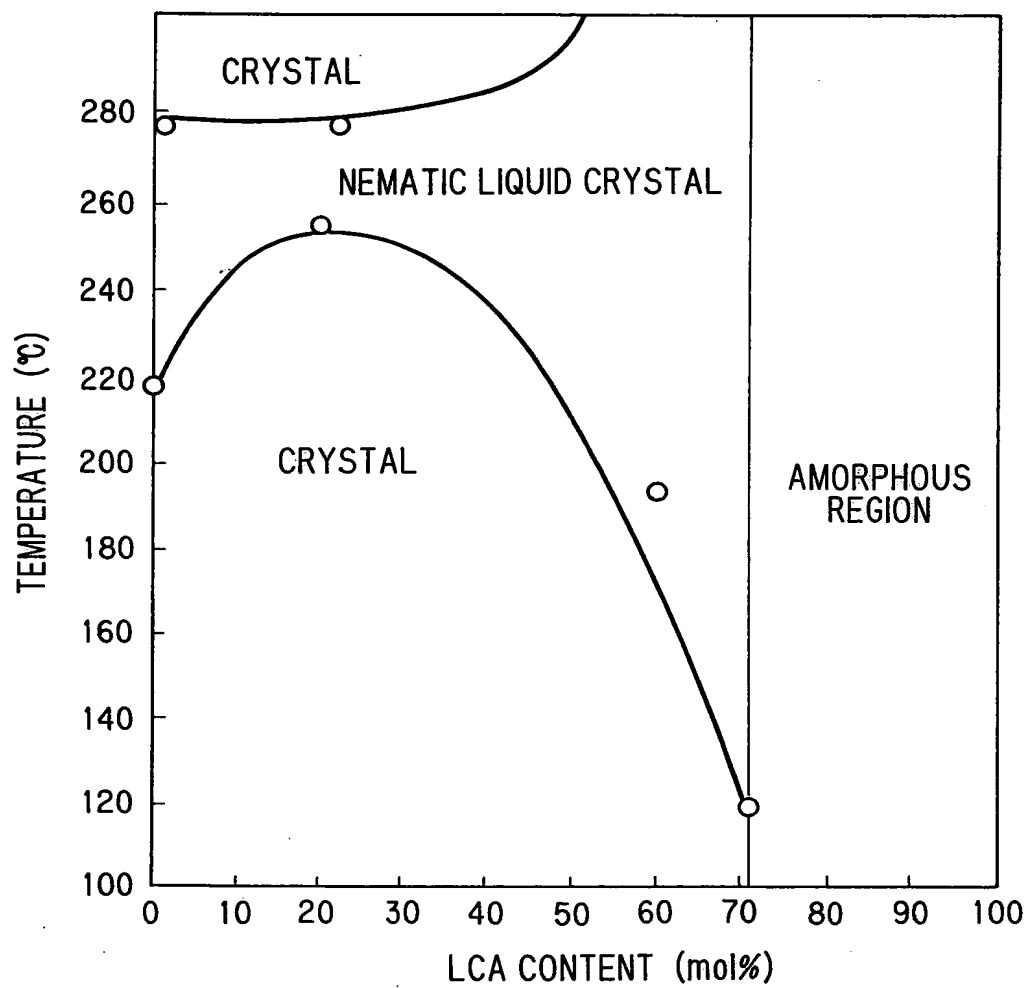
FIG. 1

FIG.2

COPOLYMER STRUCTURE (EFFECT OF LCA)

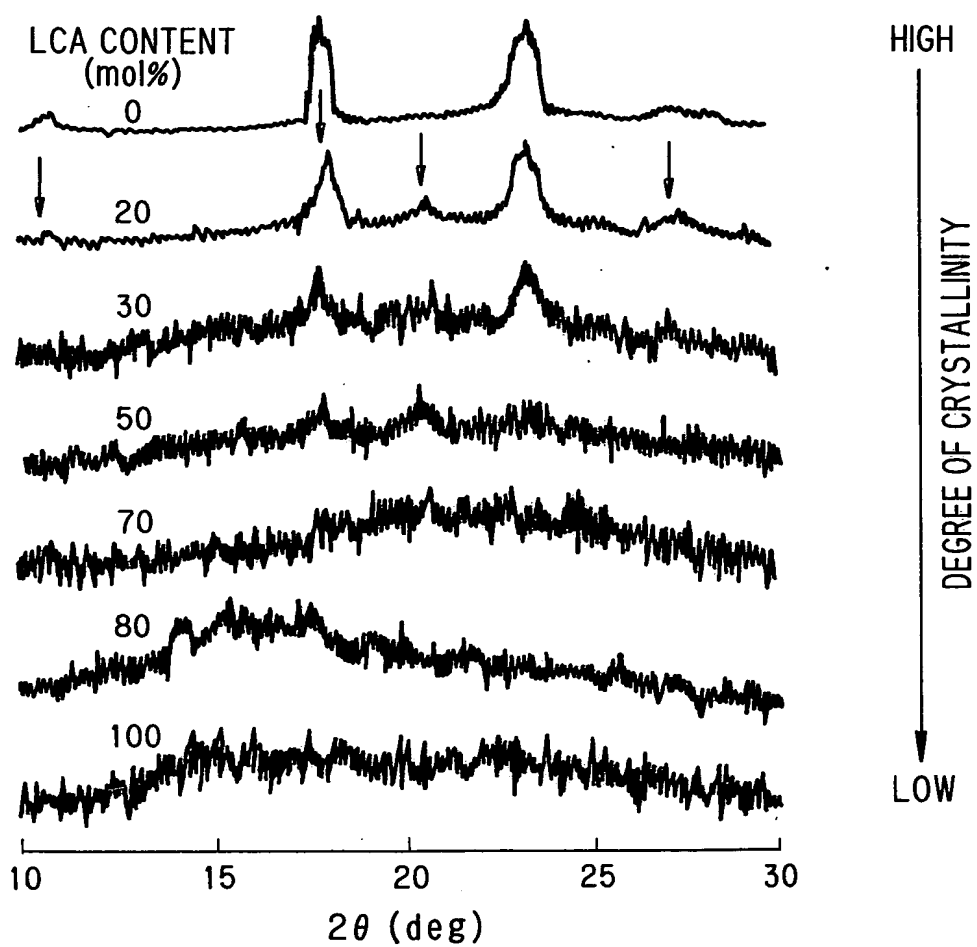


FIG.3A

FIG.3B

FIG.3C

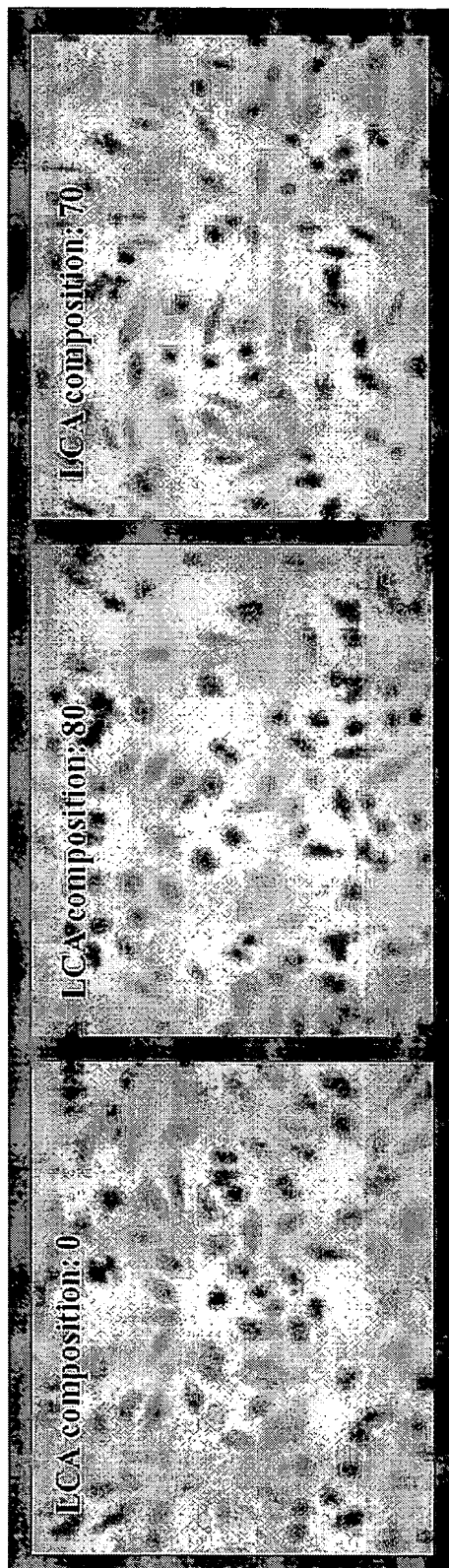


FIG. 4A

CRYSTAL (25°C)

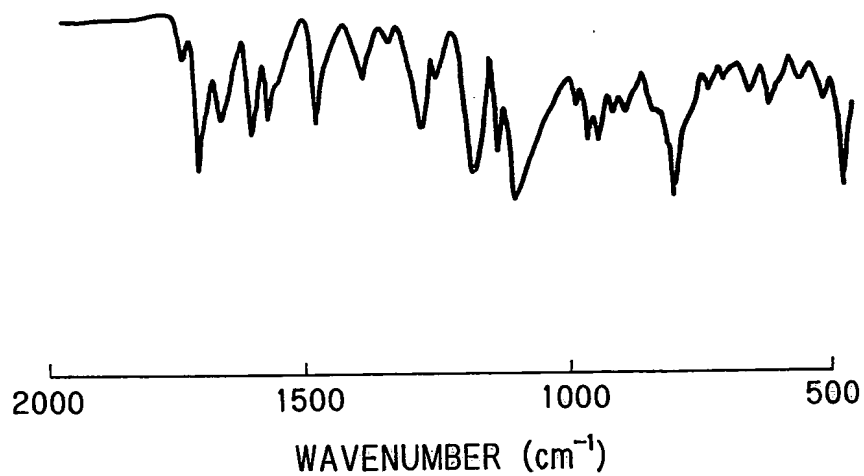


FIG. 4B

LIQUID CRYSTAL (220°C)

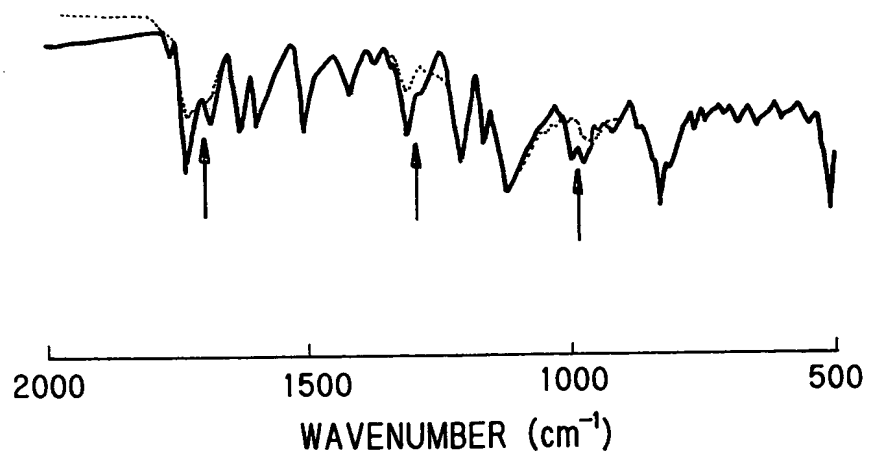


FIG. 5A

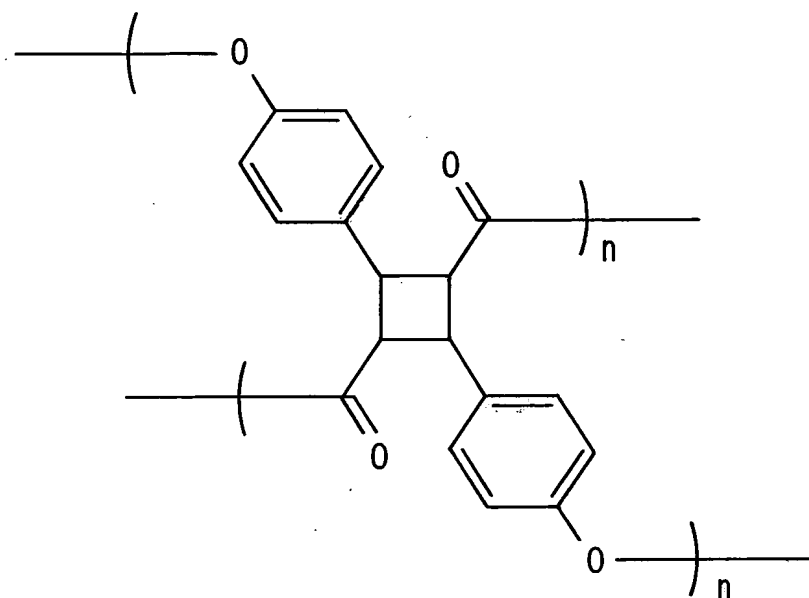


FIG. 5B

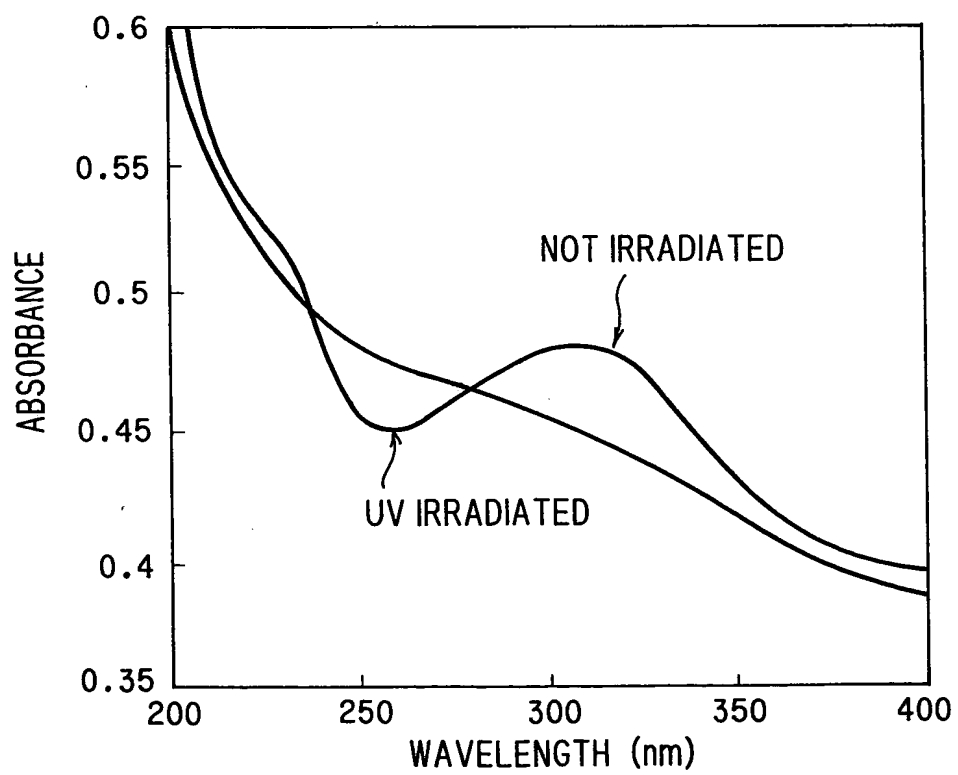


FIG. 6A

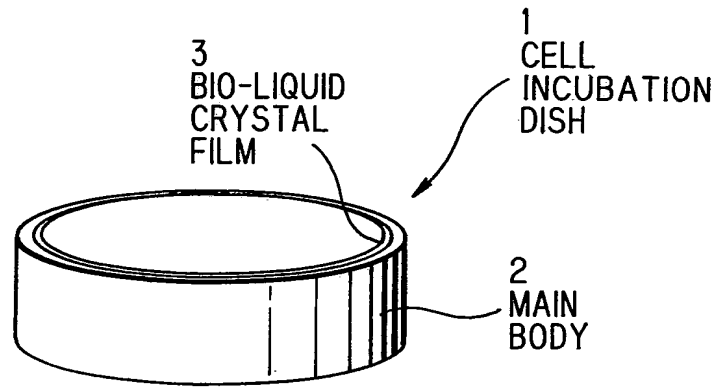


FIG. 6B

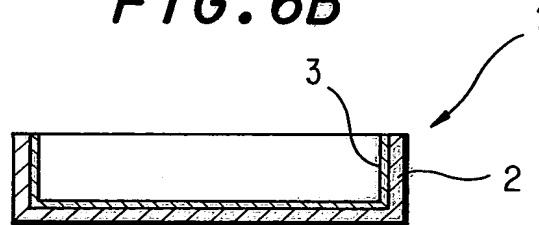


FIG. 7

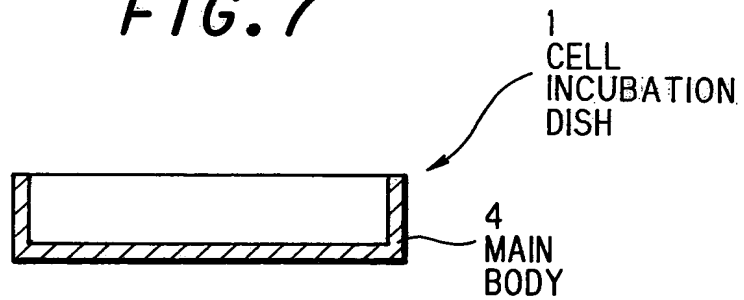


FIG. 8

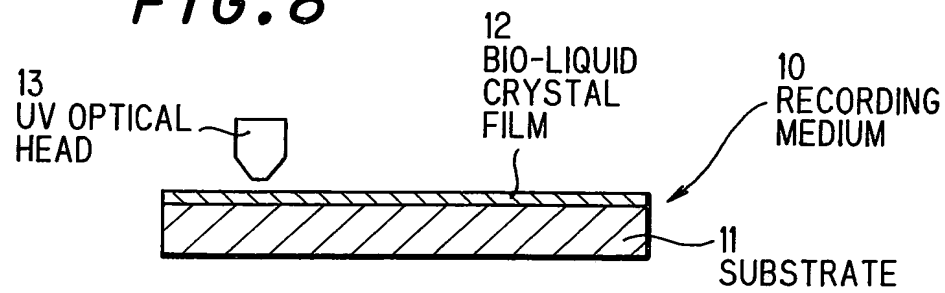


FIG. 9

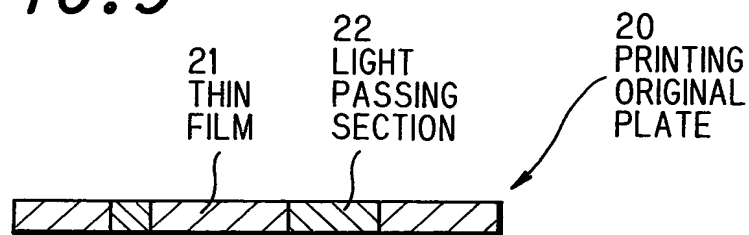


FIG. 10

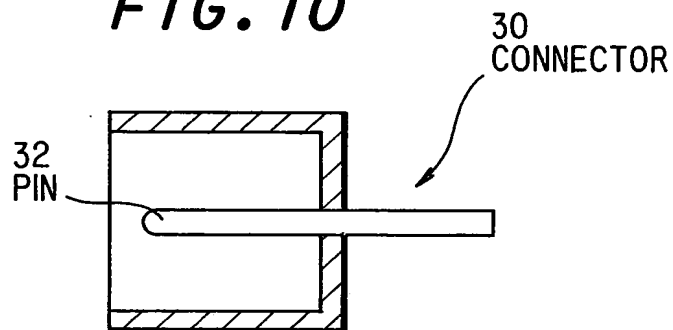


FIG. 11



FIG. 12

